

FIGURE 1

FIGURE 2

FIG. 3 is a block diagram of a color sensor system 100. The system 100 includes a red sensor 302-1, a green sensor 302-2, and a blue sensor 302-3. Each sensor is connected to an A/D converter 305. The A/D converters are connected to set-point memories 304-1, 304-2, and 304-3, respectively. The set-point memories are connected to comparators 306-1, 306-2, and 306-3. The comparators are connected to an OR gate 306-4. The OR gate 306-4 is connected to a latch 308. The latch 308 is connected to a display 102. The latch 308 also has a 'Clear' input and a 'Measure' input.

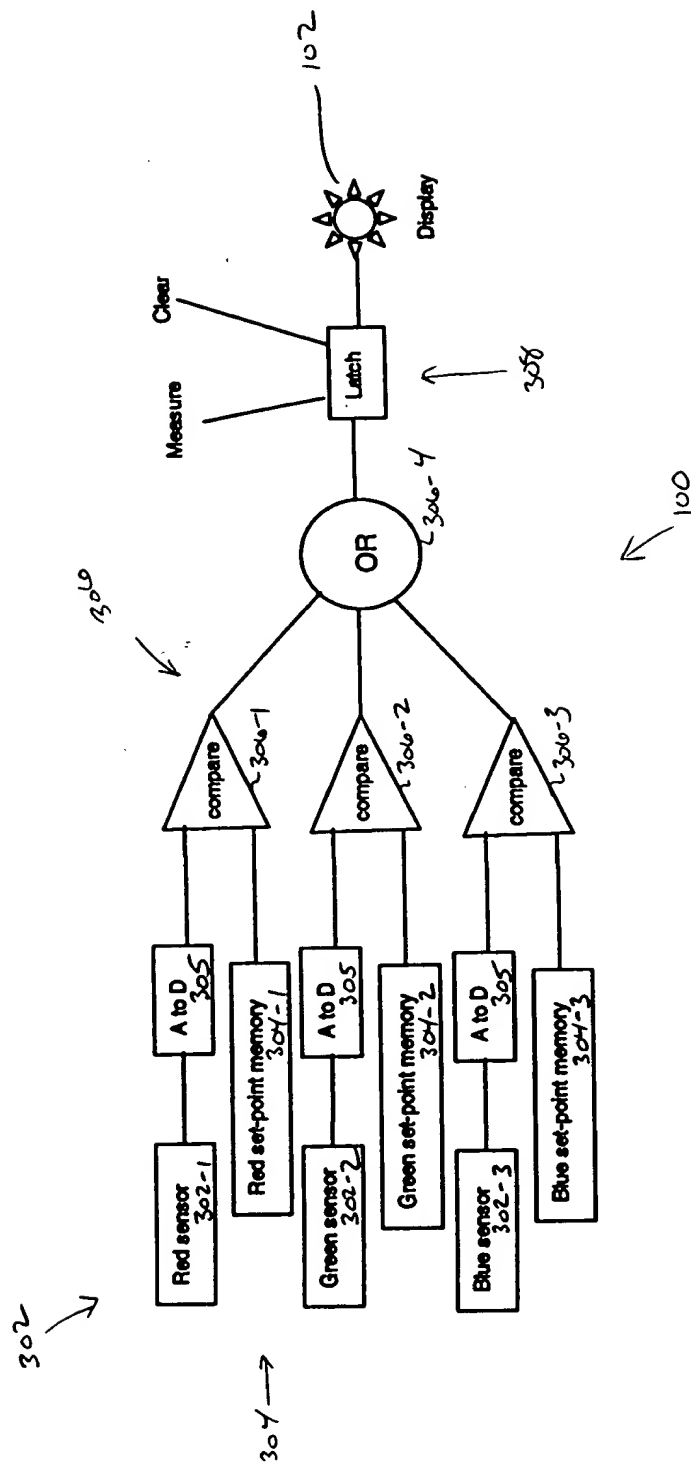


FIGURE 3

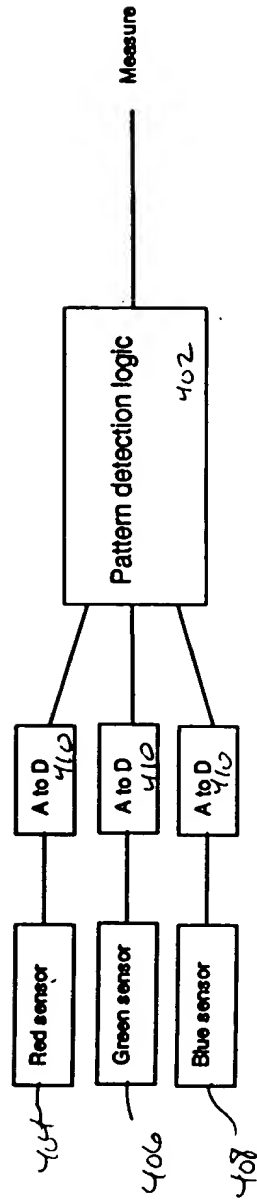


FIGURE 4

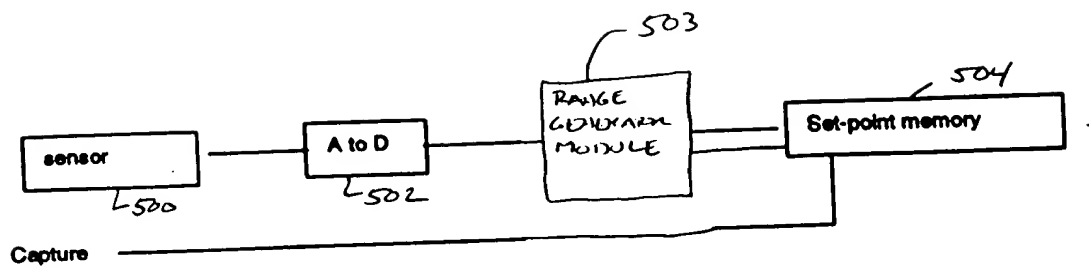


FIGURE 5(a)

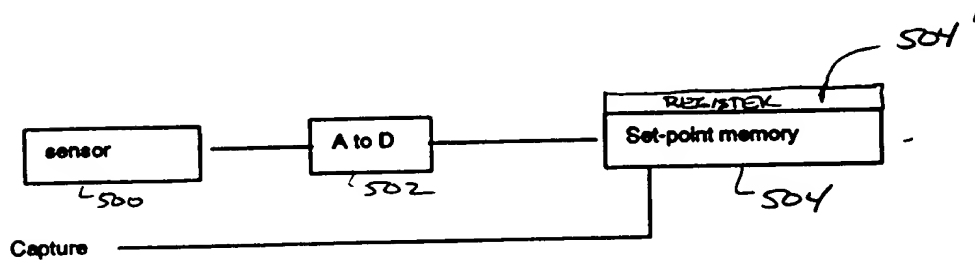


FIGURE 5(b)

600

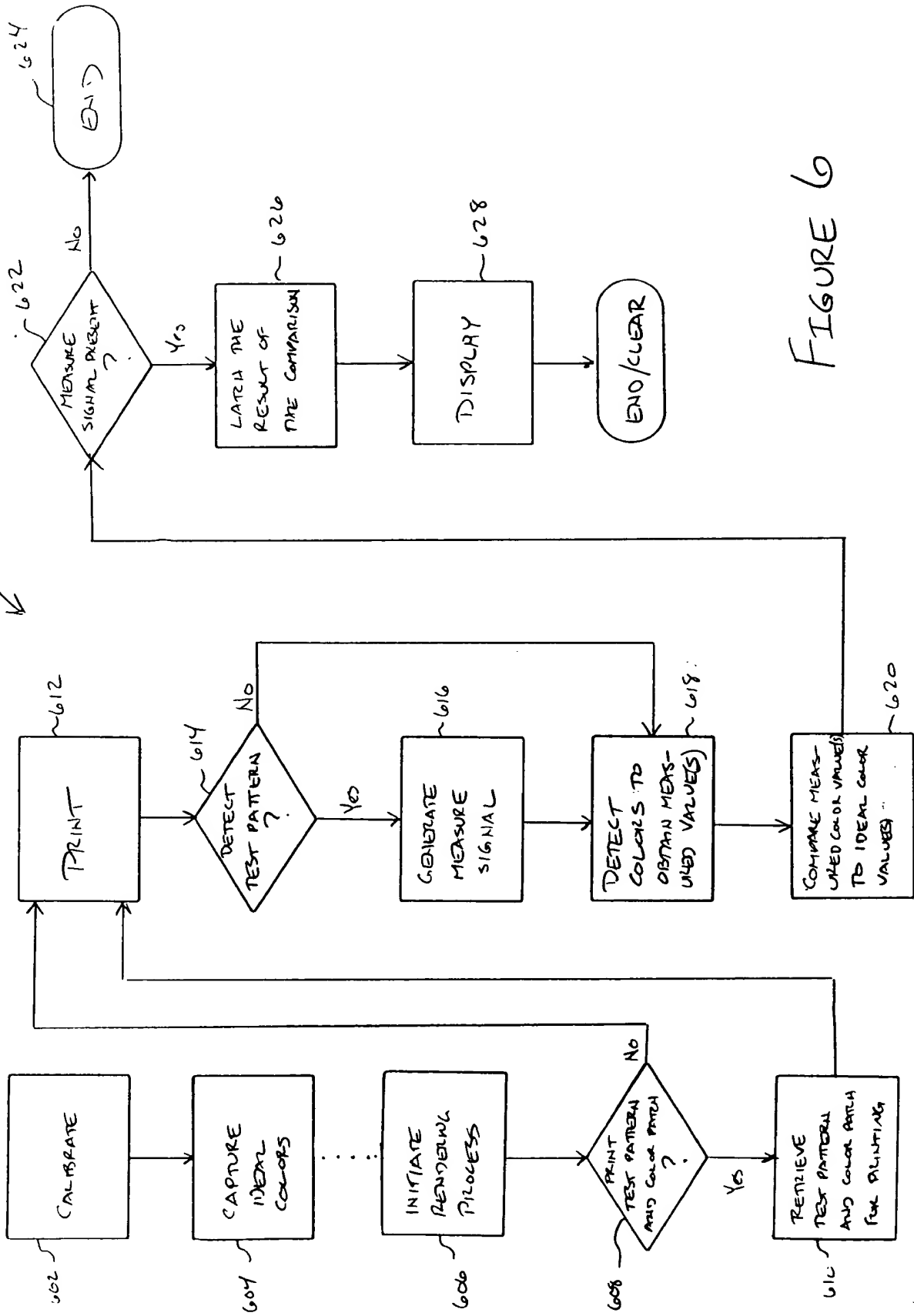


FIGURE 6

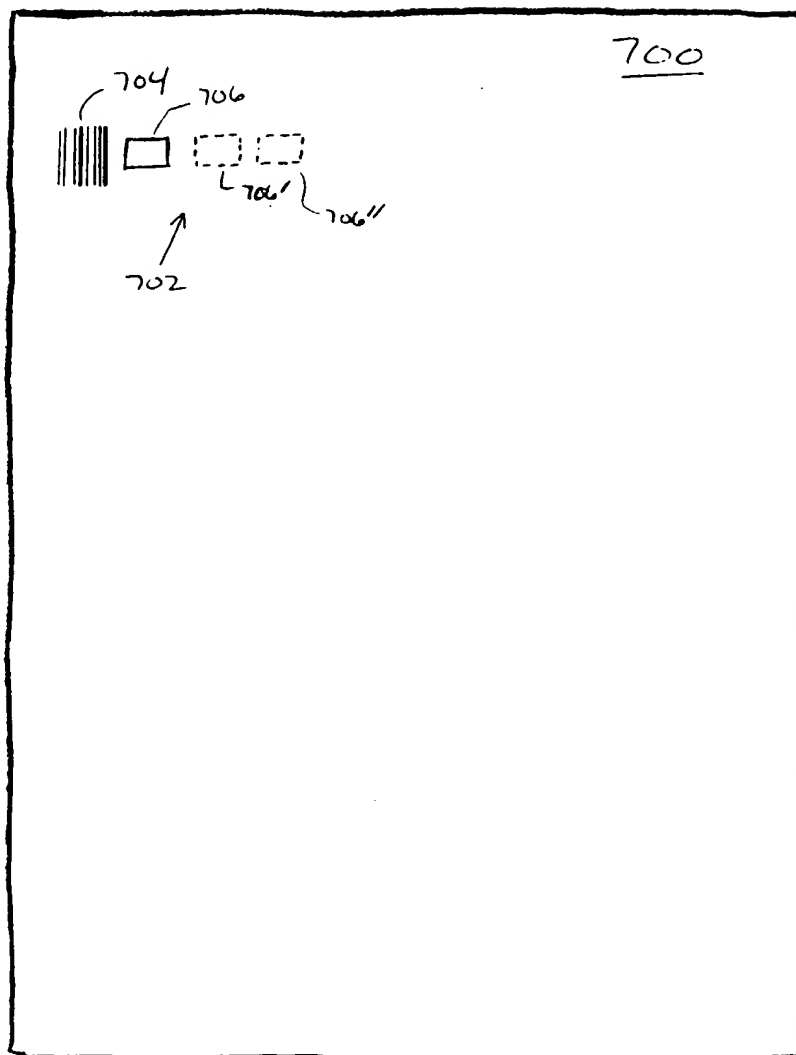


FIGURE 7